

node b

node b

centre-to-centre placing while using `right of=` option in tikz

boundary-to-boundary placing while using `right=of` option in tikz

Below demos are from <https://tex.stackexchange.com/questions/209355/drawing-a-block-diagram-using-tikz> website.

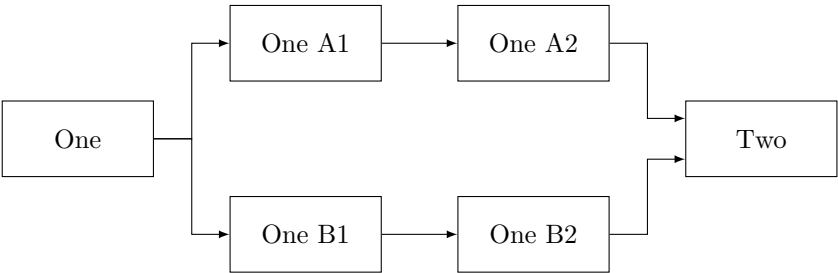
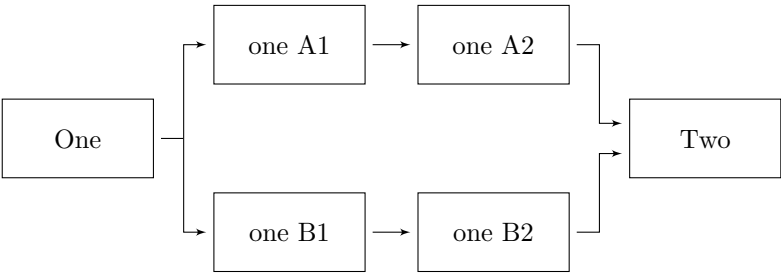
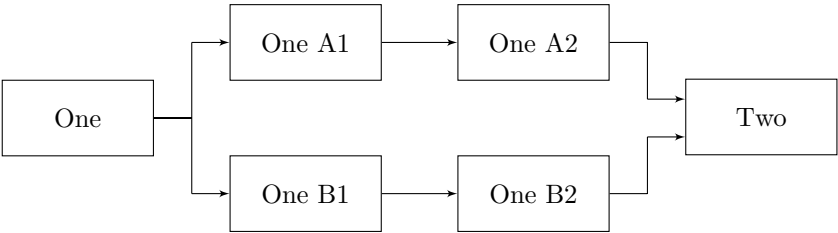


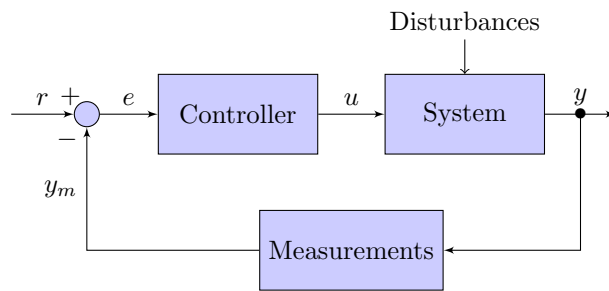
Figure 1: Figure caption

from <https://tex.stackexchange.com/questions/71478/how-to-center-one-node-exactly-between-two-others-with-tikz> website.

a b c

from <https://tex.stackexchange.com/questions/123671/manual-automatic-line-breaks-and-text-alignment-in-tikz-nodes>





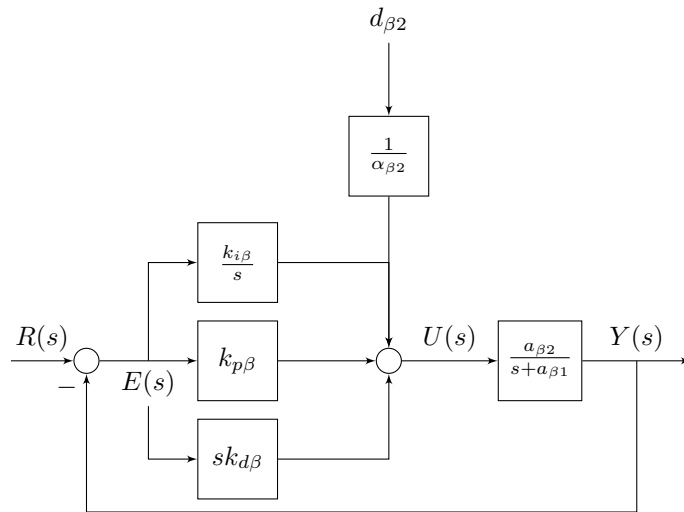
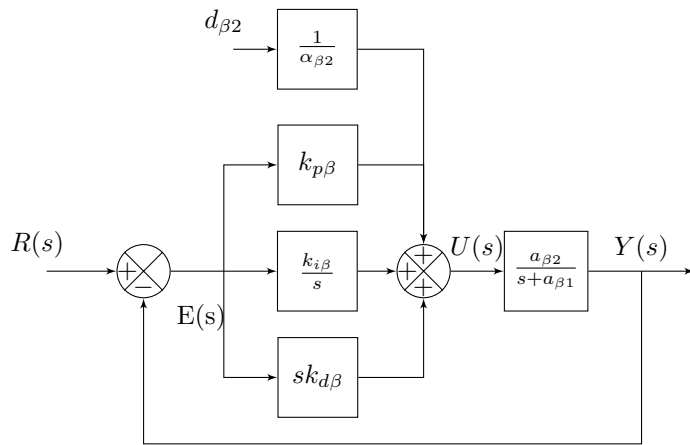
This is a demonstration text for showing how line breaking works.

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from <https://texample.net/tikz/examples/control-system-principles/> website.

from <https://tex.stackexchange.com/questions/175969/block-diagrams-using-tikz> website.

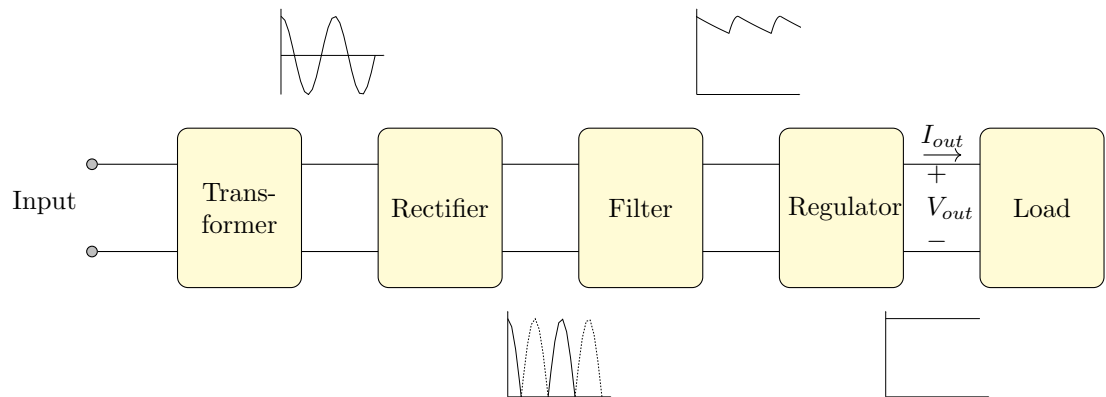
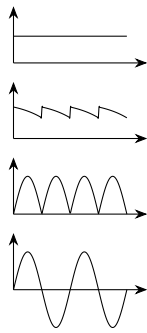
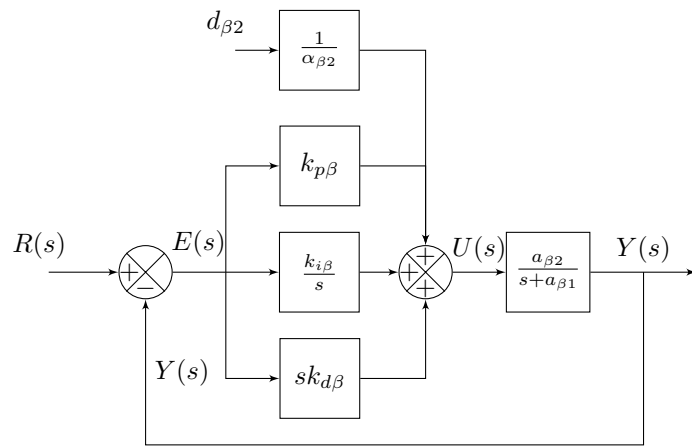


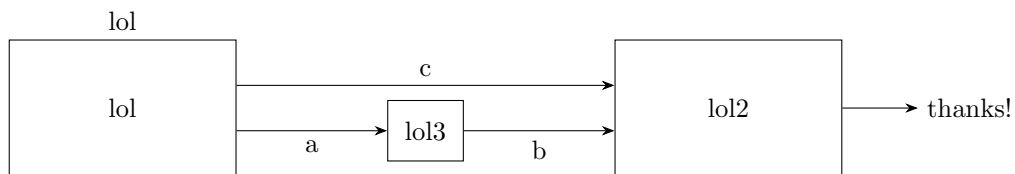
Using `schemablock` package (terms in French):

Using `schemablock` package (terms in English):

from <https://tex.stackexchange.com/questions/206866/a-block-diagram-in-tikz> website.

from <https://tex.stackexchange.com/questions/206866/a-block-diagram-in-tikz> website.



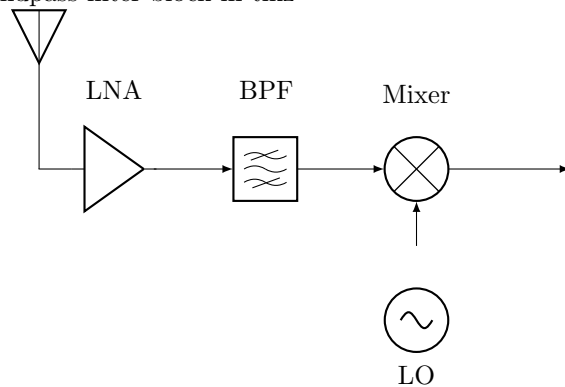


from <https://tex.stackexchange.com/questions/237765/block-diagram-using-tikz?rq=1> website.

from <https://tex.stackexchange.com/questions/166838/block-diagram-with-dsp-tikz-for-adaptive-feedback-cancellation>

In a comment, some problem with cut labels was mentioned when including the figure from an external file. In this case, I'd suggest you to use the **standalone** documentclass to produce your image as a separate pdf file that then can be easily included in your document using the standard `\includegraphics` mechanism from `graphicx`; you can use the `border` option for `standalone` to control the padding around your figure, in case it is required:

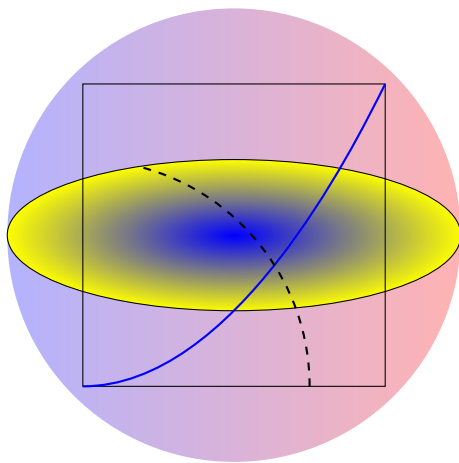
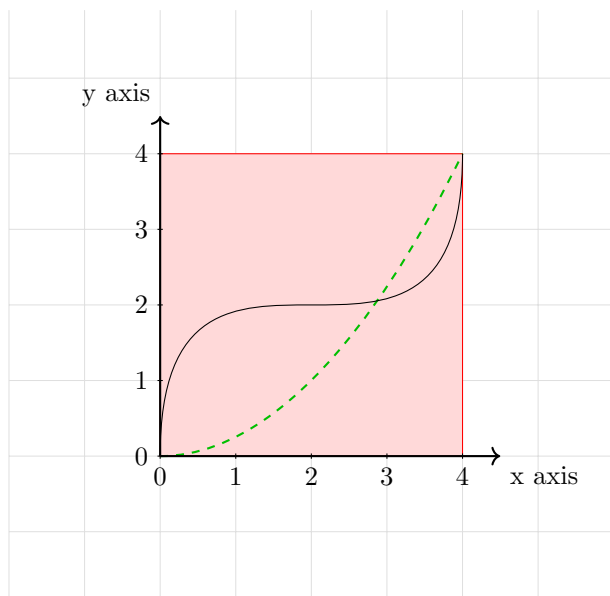
from <https://tex.stackexchange.com/questions/200235/is-there-a-predefined-bandpass-filter-block-in-tikz>



from [https://www.overleaf.com/learn/latex/LaTeX_Graphics_using_TikZ:_A_Tutorial_for_Beginners_\(Part_1\)](https://www.overleaf.com/learn/latex/LaTeX_Graphics_using_TikZ:_A_Tutorial_for_Beginners_(Part_1))

from [https://www.overleaf.com/learn/latex/LaTeX_Graphics_using_TikZ:_A_Tutorial_for_Beginners_\(Part_3\)%E2%80%94Creating_Flowcharts](https://www.overleaf.com/learn/latex/LaTeX_Graphics_using_TikZ:_A_Tutorial_for_Beginners_(Part_3)%E2%80%94Creating_Flowcharts)

from <https://tex.stackexchange.com/questions/354401/how-to-draw-a-vector-diagram-with-tikz-datavisualization>



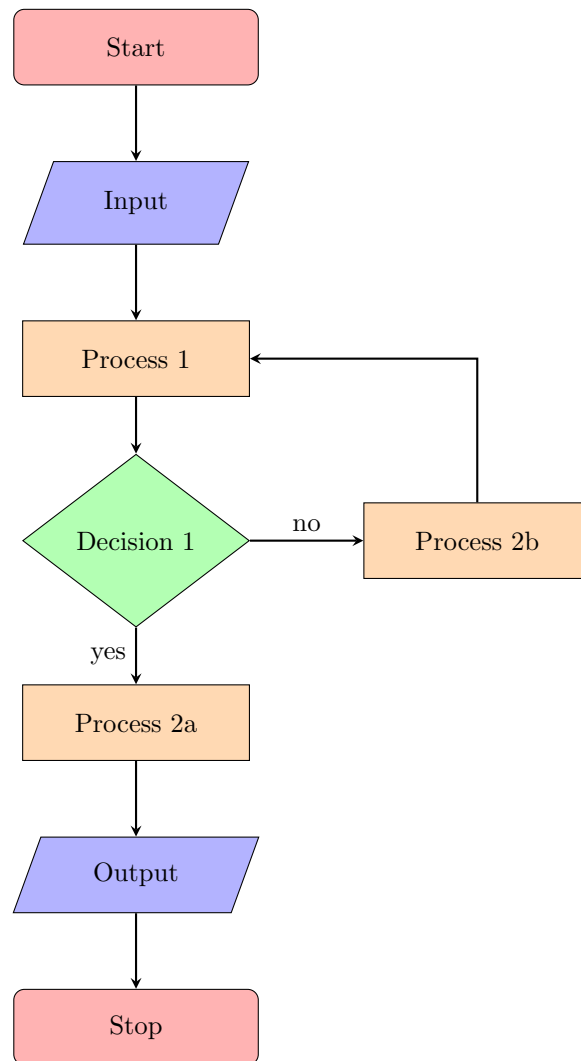
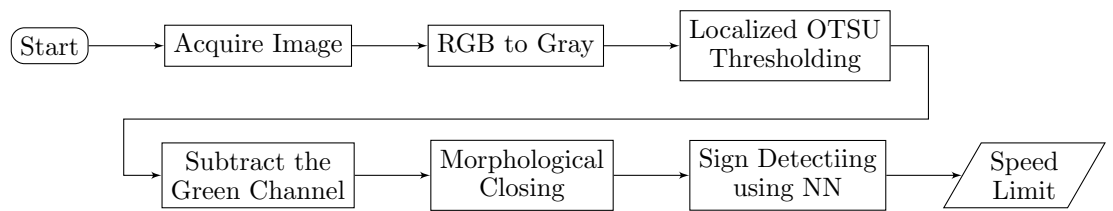
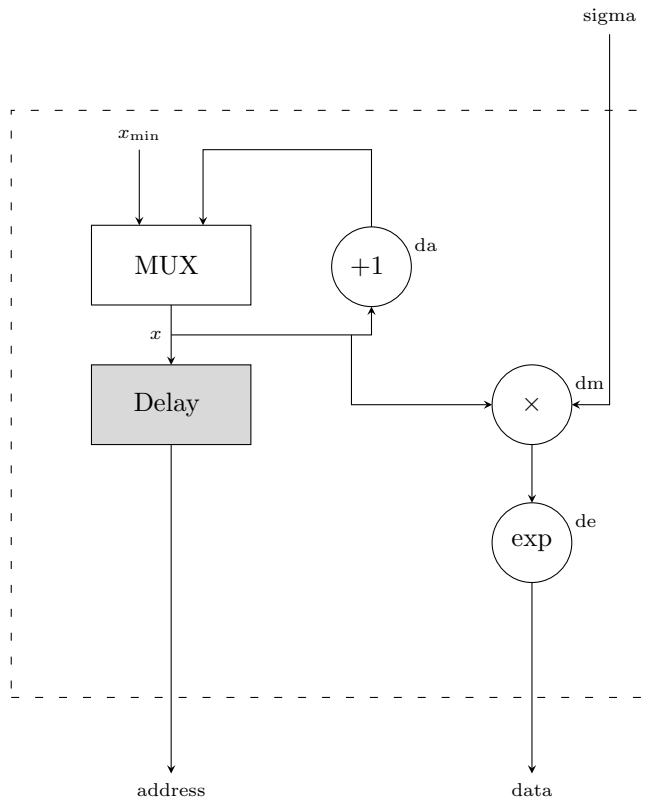
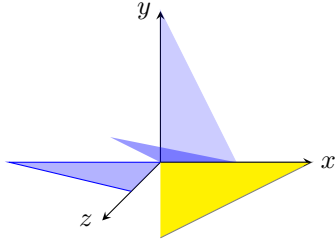


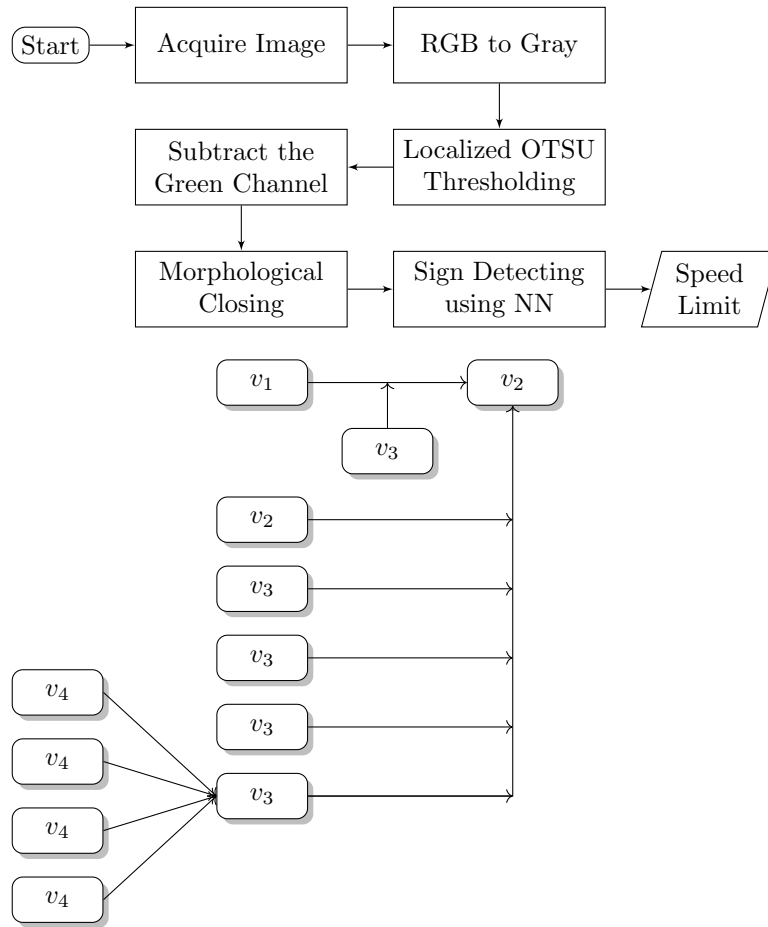
Figure 2: flowchart

from <https://tex.stackexchange.com/questions/110209/high-level-digital-design-in-tikz>

from <https://tex.stackexchange.com/questions/149602/drawing-flow-diagram-in-latex-using-tikz>

from <https://tex.stackexchange.com/questions/306638/simple-block-diagram>

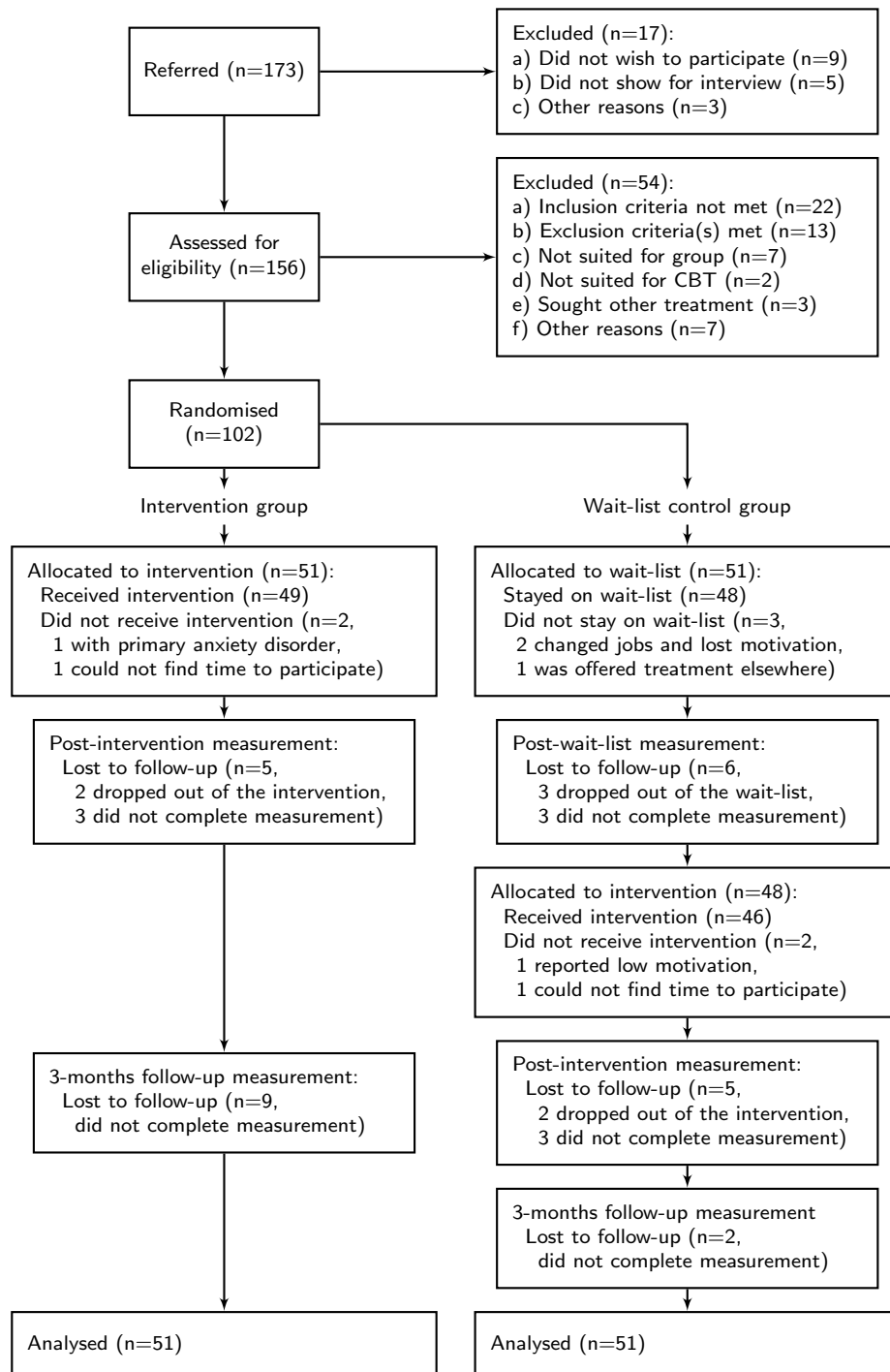




tikz

from <https://texample.net/tikz/examples/consort-flowchart/>

Figure 3: Flowchart of participants' progress through the phases of the trial



from <https://stackoverflow.com/questions/34236801/tikz-draw-edge-from-node-to-label-of-another-edge>

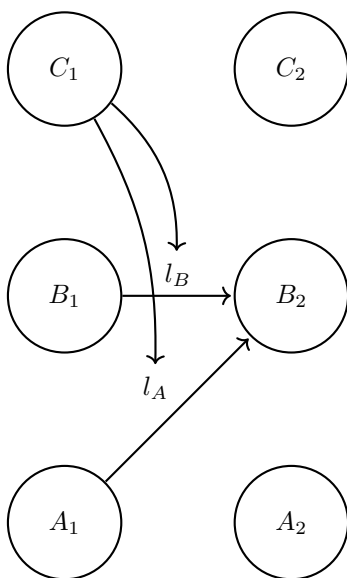
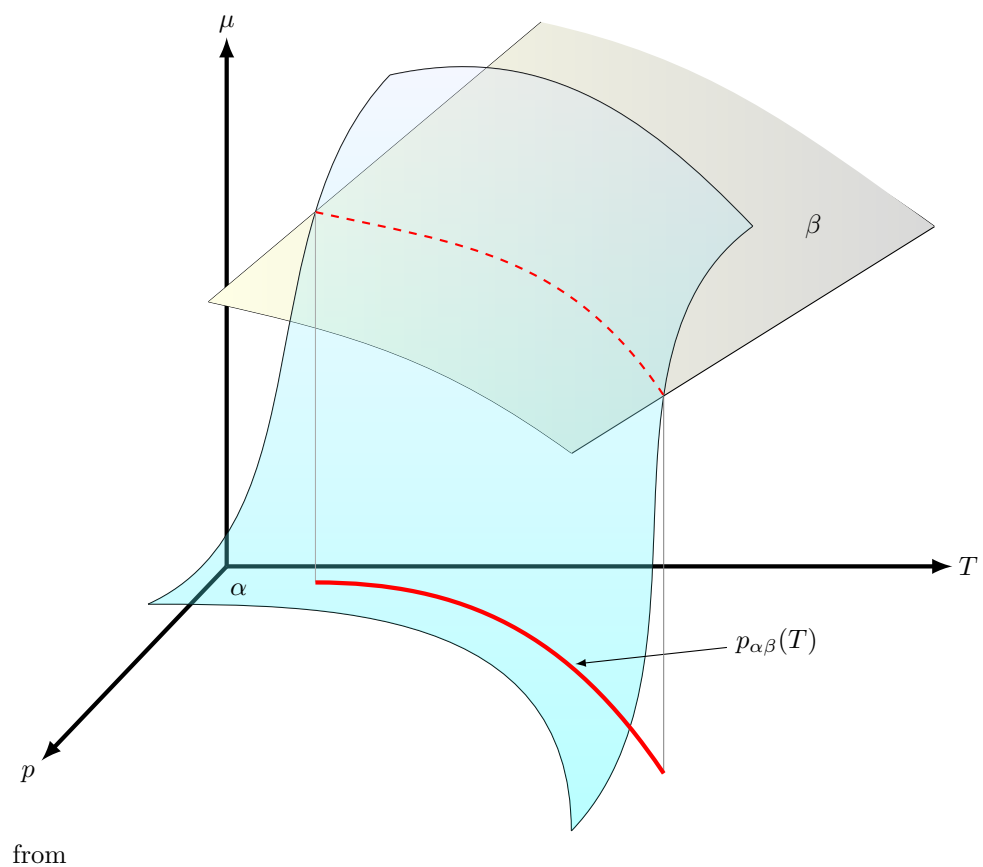
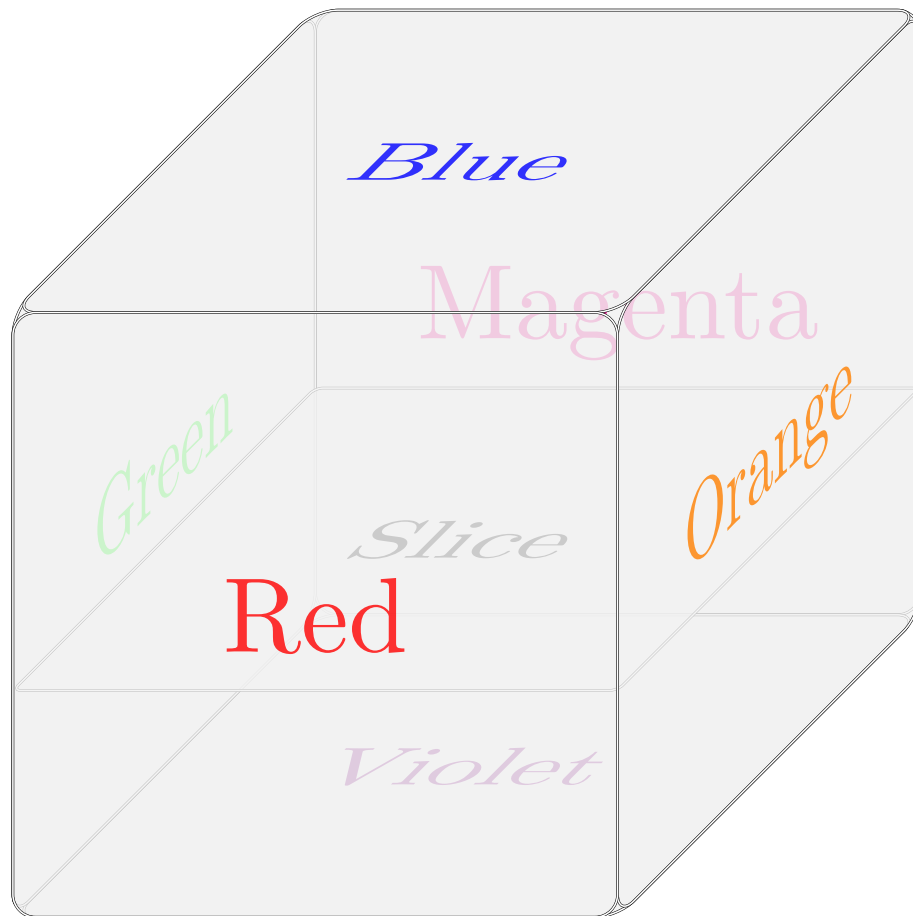


Figure 4: Model

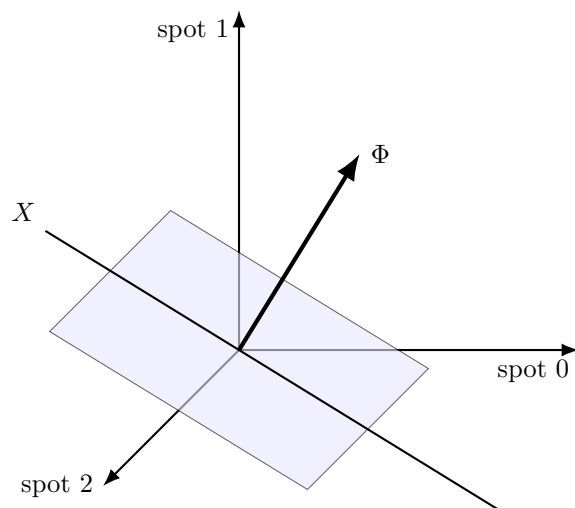
from <https://tex.stackexchange.com/questions/158585/draw-3d-intersecting-surfaces>



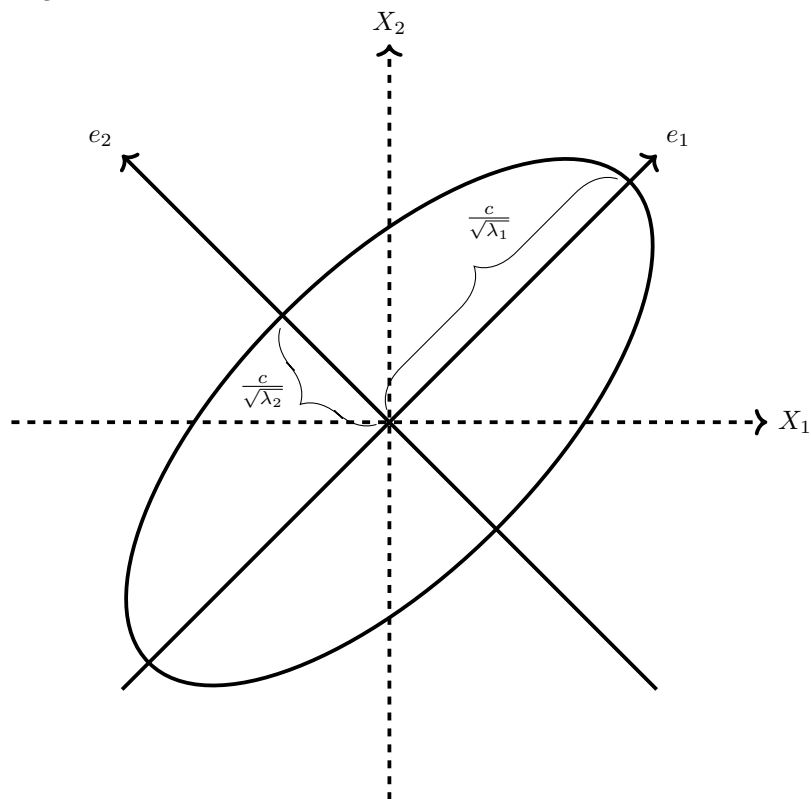
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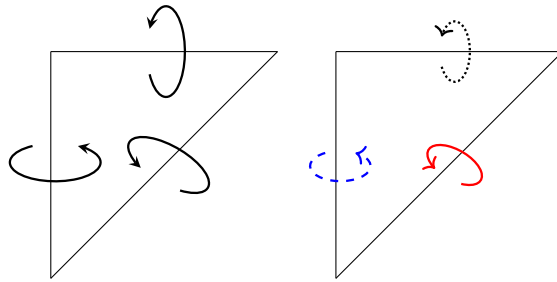
from <https://tex.stackexchange.com/questions/489682/drawing-a-simple-plane-in-3d-space>



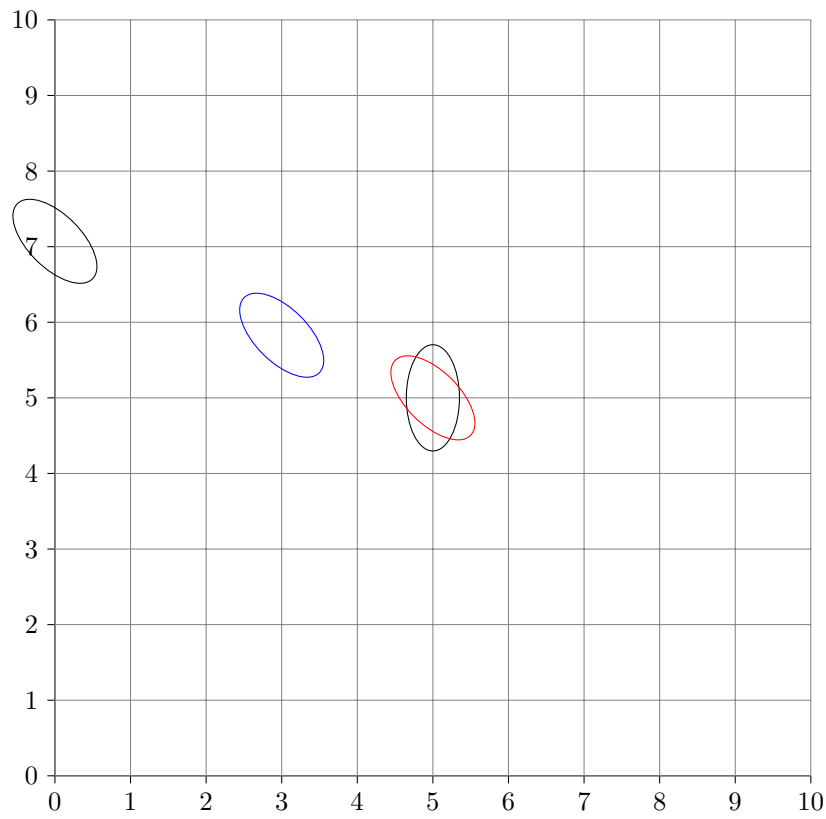
from <https://tex.stackexchange.com/questions/98753/ellipse-with-eigenvectors-and-eigenvalue-in-tikz>



from <https://tex.stackexchange.com/questions/36534/symbol-for-rotate-around-axis>



from <https://tex.stackexchange.com/questions/47950/confused-about-tikz-drawrotate-angle>



formula from <https://tex.stackexchange.com/questions/163302/indicate-a-right-angle-in-3d>

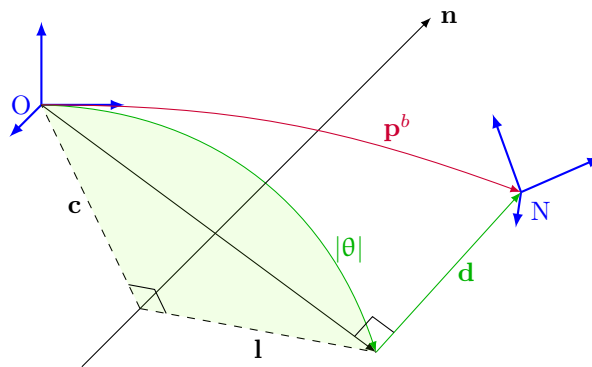
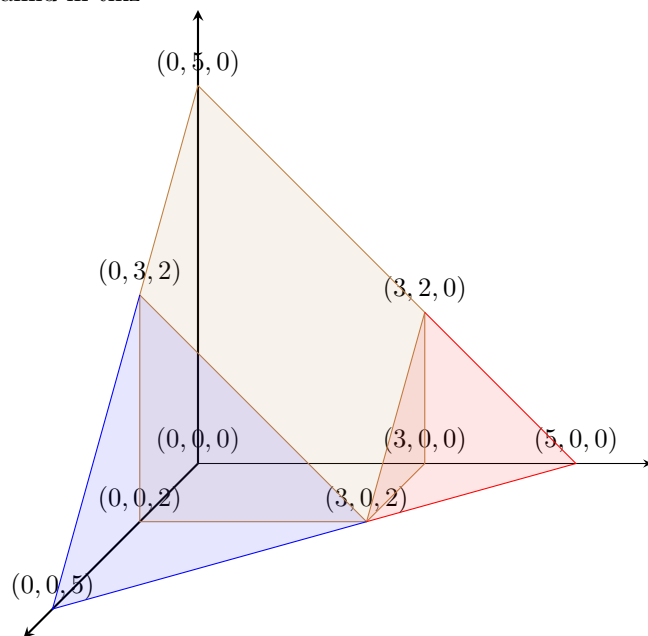
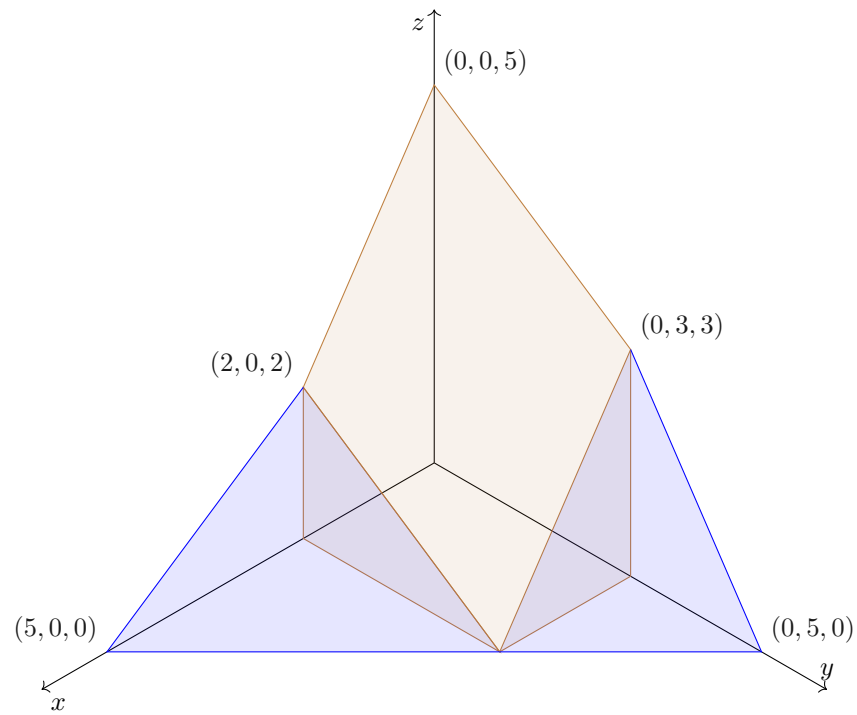
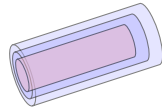


figure is self-made.
 from <https://tex.stackexchange.com/questions/46682/making-a-3d-colored-pyramid-in-tikz>

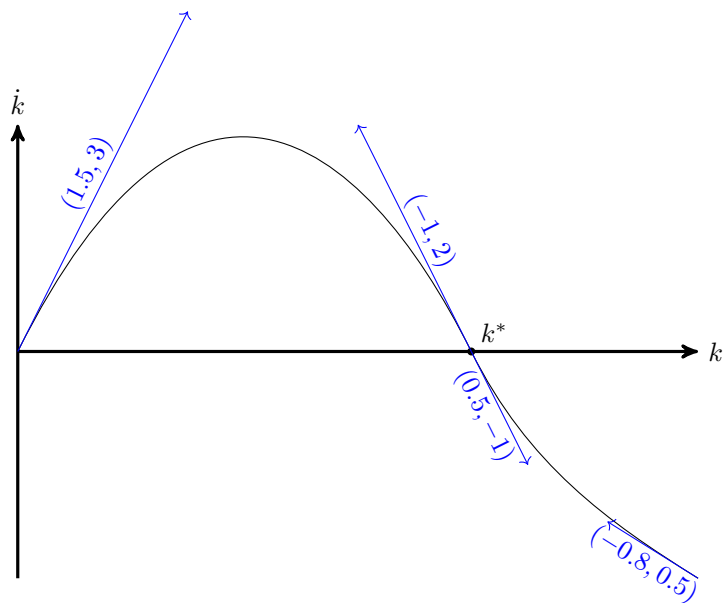




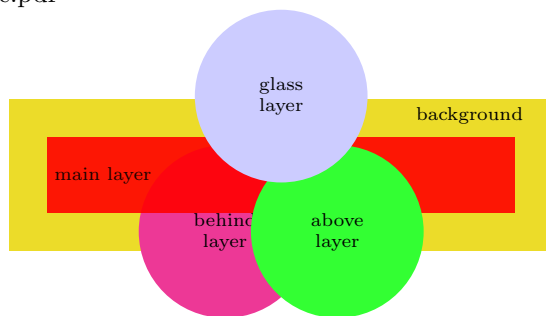
from <http://5.9.10.113/68788367/cylinder-node-with-opacity>



from <https://newbedev.com/how-to-create-curved-lines-in-tikz-that-go-through-specific-points>



from <https://ctan.math.illinois.edu/graphics/pgf/contrib/tikz-layers/tikz-layers-doc.pdf>



from <https://tex.stackexchange.com/questions/17204/drawing-polyhedra-using-tikz-with-semi-transparent-and-shading-effect>

